

ABSTRACT OF THE DISCLOSURE

APPARATUS AND METHOD FOR DISTRIBUTING PORTIONS OF LARGE WEB IMAGES TO FIT SMALLER CONSTRAINED VIEWING AREAS

5 A methodology for displaying a website on a hand held display device (HHDD) is disclosed. The present invention comprises an Image Modification Program (IMP) and a Navigation Program (NP). The IMP analyzes the webpage HTML to determine if an image is present and if the image exceeds the allotted image display space on the HHDD display screen. The IMP calculates the required number of x-axis and y-axis divisions and fragments the image
10 accordingly. The IMP displays the reduced web page on the HHDD, but replaces the reduced image with a fragment from the fragmented image. The fragment is displayed at the intended resolution allowing the user views a portion of the image at full size, as opposed to the whole image at a reduced size. The NP of the present invention allows the user to move from one fragment to another. An alternative embodiment utilizing a proxy is also disclosed.